

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 1, 2, 9, 13, 17, 18, 21, 31, 34, 43, 53, 55, 58 through 60, and 75 through 77 have been amended, and new claims 78 and 79 have been added.

1. (Currently Amended) A method comprising:

providing a first set of announcements of electronic service guide data describing a plurality of multimedia sessions to be transmitted through a network;

providing a second set of announcements of electronic service guide data describing at least one updated multimedia session that was updated into an earlier version of the first set of announcements and is described in the first set of announcement; and

~~transmitting~~ causing, at least in part, transmission of said first and second set of announcements.

2. (Currently Amended) A method according to claim 1, wherein transmitting said first and second sets of announcements comprises transmitting said first set of announcements through a first channel and transmitting said second set of announcements through a second, different channel.

3. - 4. (Canceled)

5. (Previously Presented) A method according to claim 1, wherein transmitting said first set of announcements and transmitting said second set of announcements comprises transmitting

said first set of announcements through a first IP address and transmitting said second set of announcements through a second, different IP address respectively.

6. (Canceled)

7. (Previously Presented) A method according to claim 1, wherein transmitting said first set of announcements and transmitting said second set of announcements comprises transmitting said first set of announcements through a first port number and transmitting said second set of announcements through a second, different port number respectively.

8. (Canceled)

9. (Currently Amended) A method according to claim 1, wherein providing said first set of announcements and providing said second set of announcements comprises including in each announcement of said first set of announcements data for identifying said announcement as an announcement which describes [[a]] one of said plurality of multimedia sessions and in each announcement of said second set of announcements data for identifying said announcement as an announcement which describes a one of said at least one updated multimedia session.

10. (Previously Presented) A method according to claim 1, wherein providing said first set of announcements and providing said second set of announcements comprises including in each announcement of said first set of announcements respective data for specifying a position of a corresponding multimedia session within a first portion of a multimedia session directory and including in each announcement of said second set of announcements respective data for

specifying a position of a corresponding multimedia session within a second portion of the multimedia session directory.

11. - 12. (Canceled)

13. (Currently Amended) A method according to claim 1, wherein the first set of announcements of electronic service guide data describe an electronic program guide further comprising providing a third set of announcements describing another plurality of multimedia sessions including said at least one updated multimedia session.

14. (Canceled)

15. (Previously Presented) A method according to claim 1, comprising arranging the providing of said second set of announcements after the providing of said first set of announcements.

16. (Canceled)

17. (Currently Amended) A method according to claim 1, wherein transmitting said first set of announcements comprises transmitting said first set of announcements according to a session announcement protocol, a unidirectional transport protocol, or a user datagram protocol.

18. (Currently Amended) A method according to claim 13, wherein the network is a digital video broadcasting network, an advanced television systems committee network, an integrated services digital broadcasting network, or an internet protocol based broadcasting

~~network transmitting said first set of announcements comprises transmitting said first set of announcements according to a unidirectional transport protocol.~~

19. - 20. (Canceled)

21. (Currently Amended) A method according to claim 1, wherein ~~transmitting~~ said first set of announcements describe available electronic services including newspapers, radio, television and songs, videos, pictures, games, software, or a combination thereof ~~comprises transmitting said first set of announcements according to user datagram protocol.~~

22. (Previously Presented) A method according to claim 1, comprising including a description of a corresponding multimedia session in each announcement.

23. (Previously Presented) A method according to claim 1, comprising including a description of a corresponding multimedia session arranged according to session description protocol in each announcement.

24. (Canceled)

25. (Previously Presented) A method according claim 1, wherein transmitting said first set of announcements comprises transmitting said first set of announcements as a series of linked messages.

26. (Previously Presented) A method according to claim 1, wherein transmitting said first and second set of announcements comprises transmitting said first set of announcements in a

first set of time slots and transmitting said second set of announcements in a second set of time slots, each timeslot of said first set of timeslots being provided at a different time from each timeslot of said second set of timeslots.

27. (Previously Presented) A method according to claim 1, comprising multiplexing said first and second sets of announcements.

28. (Previously Presented) A method according to claim 1, further comprising providing a third set of announcements identifying said at least one updated multimedia session.

29. (Previously Presented) A method according to claim 1, wherein providing the second set of announcements describing the at least one updated multimedia session comprises providing a set of announcements identifying the at least one updated multimedia session.

30. (Canceled)

31. (Currently Amended) A method according to claim 1, wherein providing the second set of announcements describing the at least one updated multimedia session comprises providing a set of ~~notifications~~ pointers pointing to the at least one updated multimedia session.

32. - 33. (Canceled)

34. (Currently Amended) A method according to claim 1, comprising transmitting at least one of said sets of announcements according to an asynchronous layered coding protocol.

35. - 42. (Canceled)

43. (Currently Amended) A method comprising:

causing, at least in part, selective reception of ~~selectively receiving~~ a first set of announcements of electronic service guide data describing a plurality of multimedia sessions transmitted through a network;

causing, at least in part, selective reception of ~~selectively receiving~~ a second set of announcements of electronic service guide data describing at least one updated multimedia session that was updated into an earlier version of the first set of announcements and is described in the first set of announcement; and
accessing at least one of the plurality of received multimedia sessions.

44. (Previously Presented) A method according to claim 43, further comprising determining whether all of said first set of announcements have been received.

45. (Original) A method according to claim 44, further comprising selecting not to receive further said first set of announcements and selecting to receive said second set of announcements.

46. - 52. (Canceled)

53. (Currently Amended) A method comprising:

listening to a first set of announcements of electronic service guide data describing a plurality of multimedia sessions transmitted through a network;

determining whether said first set of announcements have been received;
if said first set of announcements have been received, then
stopping listening to said first set of announcements,
listening to a second set of announcements of electronic service guide data describing at least
one updated multimedia session that was updated into an earlier version of the first set of
announcements and is described in the first set of announcement, and
accessing at least one of the plurality of listened multimedia sessions.

54. (Previously Presented) A method according to claim 53, further comprising: stopping
listening to a third set of announcements describing a further plurality of multimedia sessions
including said at least one updated multimedia session.

55. (Currently Amended) An apparatus comprising:
at least one processor; and
at least one memory including computer program code,
the at least one memory and the computer program code configured to, with the at least one
processor, cause the apparatus to perform at least the following,
provide a first set of announcements of electronic service guide data describing a plurality of
multimedia sessions to be transmitted through a network;
provide a second set of announcements of electronic service guide data describing at least
one updated multimedia session that was updated into an earlier version of the first set of
announcements and is described in the first set of announcement; and
transmit said first and second set of announcements.

~~a processor configured to provide a first set of announcements describing a plurality of multimedia sessions transmitted through a network and further configured to provide a second set of announcements describing at least one updated multimedia session; and an output configured to transmit the first and second sets of announcements;~~

56. - 57. (Canceled)

58. (Currently Amended) An apparatus comprising:

at least one processor; and

at least one memory including computer program code,

the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following,

selectively receive a first set of announcements of electronic service guide data describing a plurality of multimedia sessions transmitted through a network;

selectively receive a second set of announcements of electronic service guide data describing at least one updated multimedia session that was updated into an earlier version of the first set of announcements and is described in the first set of announcement; and

access at least one of the plurality of received multimedia sessions.

~~a processor; and~~

~~a receiver configured to selectively receive a first set of announcements~~

~~describing a plurality of multimedia sessions transmitted through a network and to provide the first set of announcements to the processor;~~

~~the receiver further configured to selectively receive a second set of announcements describing at least one updated multimedia session and to provide the second set of announcements to the processor.~~

59. (Currently Amended) The apparatus according to claim 58, wherein ~~said processor~~ the apparatus is further ~~configured~~ caused to determine whether said first set of announcements has been received; and ~~said apparatus is configured such that if the processor determines that said first set of announcements has been received, then the receiver is configured to receive said second set of announcements.~~

60. (Currently Amended) The apparatus according to claim 59, wherein ~~the receiver~~ apparatus is further ~~configured~~ caused to selectively receive a third set of announcements describing another plurality of multimedia sessions ~~including~~ identifying said at least one updated session; and ~~said apparatus is configured such that if the processor determines that said first set of announcements has been received, then the receiver is configured either not to receive or not to forward said third set of announcements.~~

61. (Previously Presented) The apparatus according to claim 60 which is a mobile communications device.

62. - 74. (Canceled)

75. (Currently Amended) A method according to claim [[43]]1, wherein the second set of announcements describing the at least one updated multimedia session are in the form of a set of ~~announcements~~ pointers identifying the at least one updated multimedia session.

76. (Currently Amended) A method according to claim [[45]]2, wherein the second set of announcements and some of the first set of announcements are transmitted via the first channel and the second channel synchronously with overlaps ~~further comprising selecting to receive a third set of announcements describing another plurality of multimedia sessions including said at least one updated multimedia session.~~

77. (Currently Amended) A method according to claim [[1]]2, wherein the second set of announcements and some of the first set of announcements are transmitted via the first channel and the second channel synchronously without overlaps ~~comprising transmitting at least one of said sets of announcements according to a protocol based on asynchronous layered coding protocol.~~

78. (New) A non-transitory computer-readable storage medium storing one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

- providing a first set of announcements of electronic service guide data describing a plurality of multimedia sessions to be transmitted through a network;
- providing a second set of announcements of electronic service guide data describing at least one updated multimedia session that was updated into an earlier version of the first set of announcements and is described in the first set of announcement; and

transmitting said first and second set of announcements.

79. (New) A non-transitory computer-readable storage medium storing one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

selectively receiving a first set of announcements of electronic service guide data describing

a plurality of multimedia sessions transmitted through a network;

selectively receiving a second set of announcements of electronic service guide data

describing at least one updated multimedia session that was updated into an earlier version of the first set of announcements and is described in the first set of announcement; and

accessing at least one of the plurality of received multimedia sessions.